

In re Patent Application of:

TEKAWADE

Serial No. **10/616,440**

Confirmation No. **9160**

Filed: **7/9/03**

REMARKS

Applicant would like to thank the Examiner for his careful and thorough examination of the present application. In view of the arguments presented below, it is submitted that all of the claims are patentable.

I. Claims 1-11 and 16-25 Are Patentable

The Examiner rejected independent Claims 1 and 16 over the Baer et al. patent. Independent Claim 1, for example, is directed to a dynamoelectric machine comprising a rotor and a stator surrounding the rotor, with the rotor comprising rotor windings defining at least one pair of first and second rotor winding ends arranged in spaced relation. The dynamoelectric machine also includes at least one rotor winding series connector connecting the at least one pair of first and second rotor winding ends together in series. Independent Claim 16 is directed to a generator including a generator rotor and generator exciter carried by a shaft, and wherein the at least one rotor winding series connector is used in the exciter rotor.

Moreover, the at least one rotor winding series connector comprises a C-shaped connector body having a medial connector portion and respective first and second end connector portions extending outwardly therefrom, and first and second connector brackets carried by the respective first and second end connector portions and receiving the respective first and second rotor winding ends therein. As noted in the originally filed specification, the series connector advantageously eliminates the

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need to precisely manually bend the winding ends and speeds refurbishing, for example.

The Examiner rejected independent Claims 1 and 16 based upon the asserted disclosure of connectors in the turbo generator of Baer et al. Baer et al., however, provides only diagrammatical diamond symbols in the path of the end windings 14 as shown in any of FIGS. 1-6. Baer et al. fails to provide any supporting discussion or description in the specification of the diamond symbols, or of the construction of the end windings. Indeed, it is not at all clear from Baer et al. that the diamonds mean any type of connection.

Assuming solely for the sake of argument that the diamonds indicate some type of fastener or generic connection, Baer et al. still fails to disclose a connector bracket carried by an end portion of a C-shaped connector body and receiving therein a rotor winding end as recited in Claims 1 and 16. Accordingly, independent Claims 1 and 16 are patentable over Baer et al. It is also submitted that their dependent claims, that recite yet further distinguishing features, are also patentable and need no further discussion herein.

II. Claims 12-15 Are Patentable

The Examiner rejected independent Claim 12 also over the Baer et al. patent. Claim 12 is directed to the rotor winding series connector described above that is for a dynamoelectric machine comprising a rotor and a stator surrounding the rotor. The rotor comprises rotor windings

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defining at least one pair of first and second rotor winding ends arranged in spaced relation.

Claim 12 further recites that the rotor winding series connector comprises a C-shaped connector body comprising flexible conductive material arranged in a plurality of stacked layers to define a medial connector portion and respective first and second end connector portions extending outwardly therefrom. The rotor winding series connector also includes first and second connector brackets carried by the respective first and second end connector portions and for receiving the respective first and second rotor winding ends therein.

The Examiner also cites to the winding labeled **14** and to the diagrammatical diamond symbols in any of FIGS. 1-6 of Baer et al. in rejecting Claim 12. As noted above with respect to Claims 1 and 16, if Baer et al. shows any type of connector at all, it still fails to disclose connector brackets carried by end portions of the C-shaped connector body for receiving therein respective rotor winding ends as recited in independent Claim 12.

Accordingly, independent Claim 12 is patentable in view of this critical deficiency of Baer et al.

As an independent and alternate basis for patentability, it is highlighted that the Examiner fails to point to any disclosure in Baer et al. of the "flexible conductive material arranged in a plurality of stacked layers" to define the medial connector portion as recited in Claim 12. There is simply no such disclosure in Baer et al.

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In view of the deficiencies of Baer et al., it is respectfully submitted that independent Claim 12 is patentable over Baer et al. Its dependent claims, that recite yet further distinguishing features, are also patentable and need no further discussion herein.

III. Claims 26-28 Are Patentable

Independent Claim 26 is directed to a method for using the rotor winding series connector to connect in series at least one pair of first and second rotor winding ends arranged on a rotor in spaced relation. The rotor winding series connector comprises a C-shaped connector body having a medial connector portion and respective first and second end connector portions extending outwardly therefrom, and first and second connector brackets carried by the respective first and second end connector portions. The method comprises positioning the respective first and second rotor winding ends into the respective first and second connector brackets to thereby connect the respective first and second rotor winding ends together in series.

The Examiner rejected independent Claim 26 also over the Baer et al. patent stating that "the method therein is given by the apparatus of Baer et al." Accordingly, for the same reasons that independent Claim 1 directed to the apparatus is patentable, so too independent Claim 26 directed to a related method is patentable.

Assuming even for the sake of argument that the diagrammatical diamonds indicate some type of fastener or generic

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connector, Baer et al. still fails to disclose a connector bracket carried by an end portion of a C-shaped connector body and for receiving therein a rotor winding end as recited in independent Claim 26. Accordingly, independent Claim 26 is also patentable over Baer et al. Its dependent claims, that recite yet distinguishing features, are also patentable and need no further discussion herein.

IV. CONCLUSIONS

In view of the arguments presented herein, it is submitted that all of the claims are patentable. Accordingly, a Notice of Allowance is requested in due course. Should any minor informalities need to be addressed, the Examiner is encouraged to contact the undersigned at the telephone number listed below.

Respectfully submitted,



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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 27th day of May, 2004.

